

CITY OF FRANKLIN
ENGINEERING
Rec'd By: AR Date: 9-23-08

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September 22, 2008

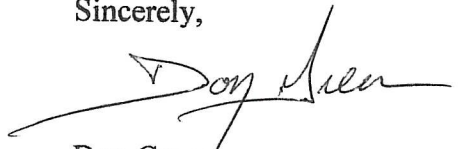
Crystal Bishop
109 3rd Ave. South
P. O. Box 305
Franklin, TN 37065

Ms. Bishop:

Attached is the Post Construction Long-Term Maintenance Annual Inspection Report for 331 Premier Court - Permit FSW-05-038.

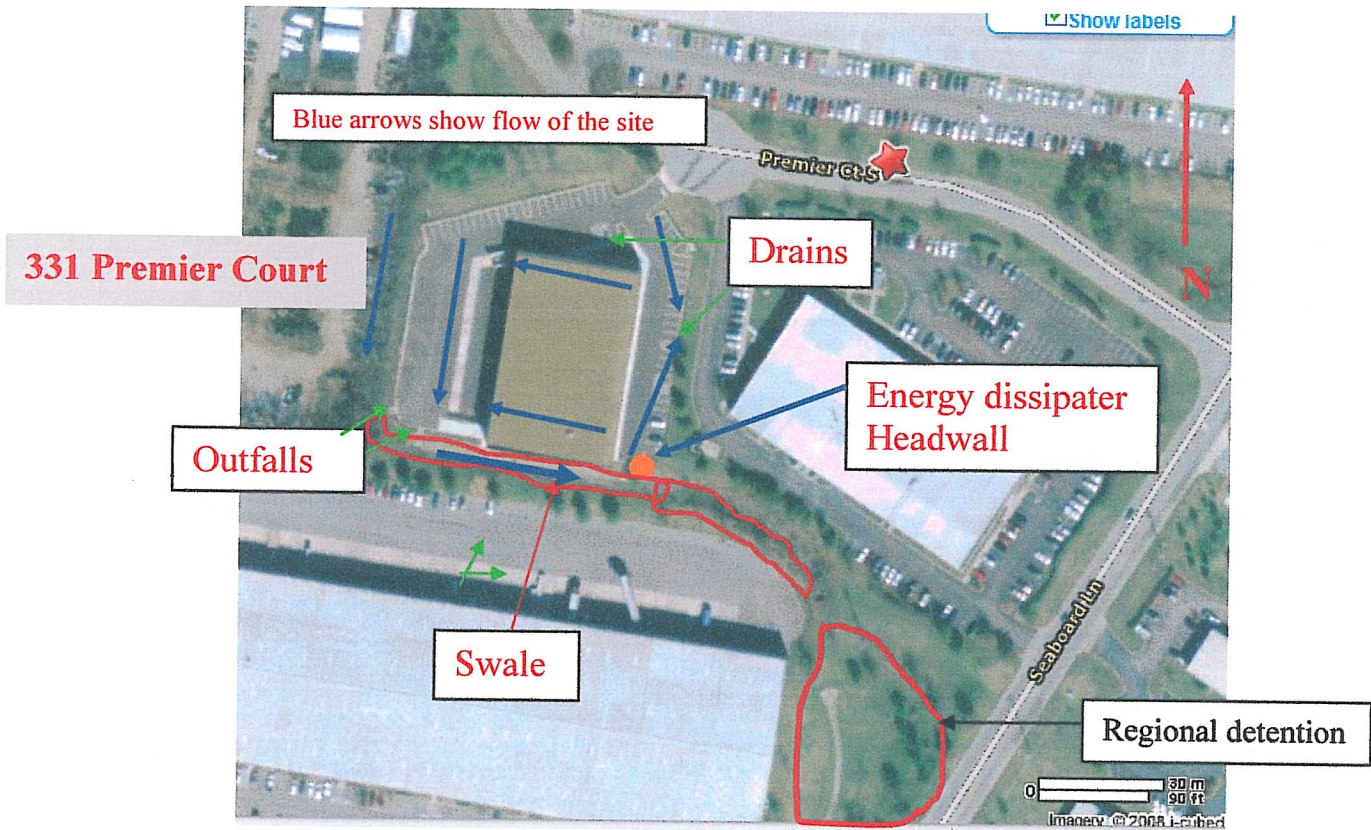
If you have any questions, please do not hesitate in contacting me.

Sincerely,


Don Green

Post Construction Long-Term Maintenance Annual Inspection Report 331 Premier Court - Permit FSW-05-038

The site was inspected September 19, 2008 to determine the presents and status of post constructions stormwater best management practices associated with this site:



BMPs:

- 1) **Swale:** Located on south side of building flowing west to east into regional detention.



Swale: Facing east (from back of building to front)



Swale facing west (from front to rear)



Bottom of swale near energy dissipating headwall

The swale has been allowed to grow up naturally with weeds, some grasses, golden rod, willow and other small bushes and trees. As you can see in the above picture, which is common along most of the swale associated with this site, the bottom is lined with small rip rap. The bottom of the swale does not receive regular maintenance, but does seem to be relatively stable. The swale also drains sections of the commercial development north of this site. As it leaves the site, persisting towards the detention, it becomes much deeper and wider from about 3 – 4 ft deep, compared to the south bank, to 5 - 6 feet deep.

2) **SedimentStop logs:** I did not observe a SedimentStop log in the swale.

3) **Storm drains:** They appear to be well maintained

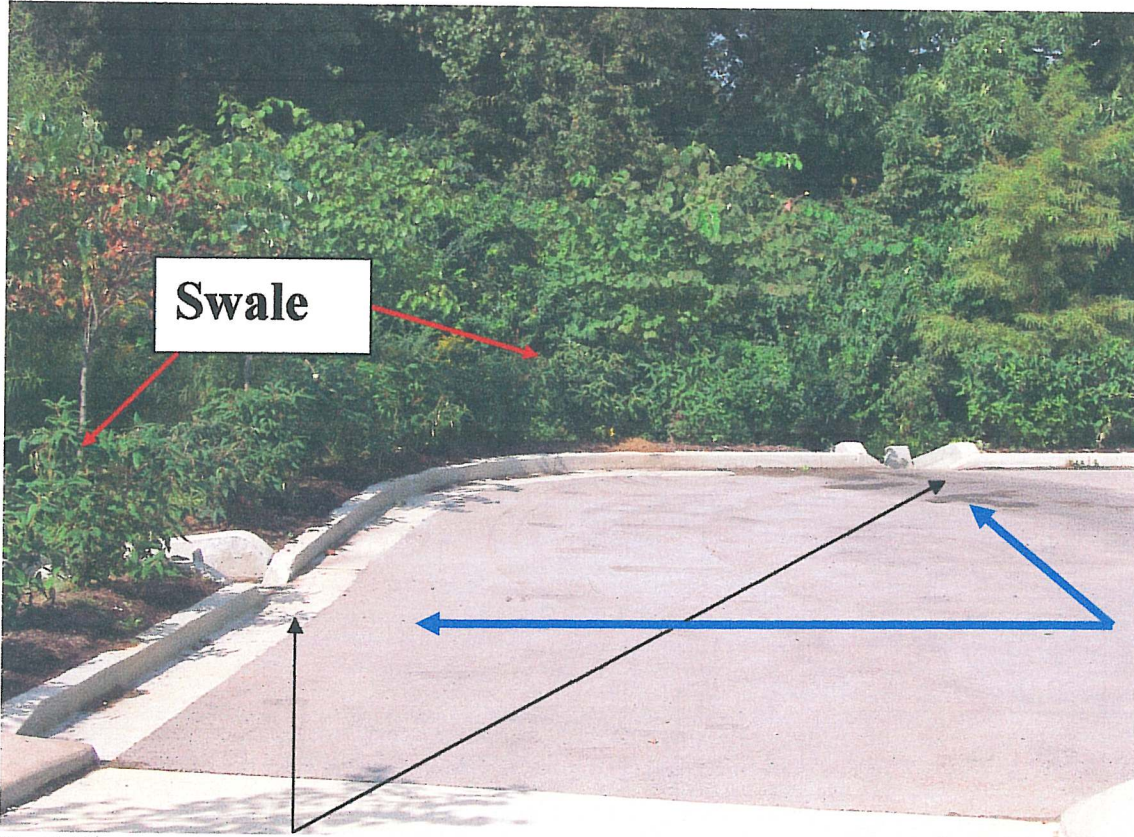


Storm drain on east side in car parking lot. It drains the entire parking lot.



Storm drain on north side of building. It drains the small green area.

4) **Energy dispending Outfalls:** Two out falls are located at the south west side at the rear of the building. They capture the truck parking area and roof top. The out falls go into the swale which takes the water from west to east into a common detention pond off site.

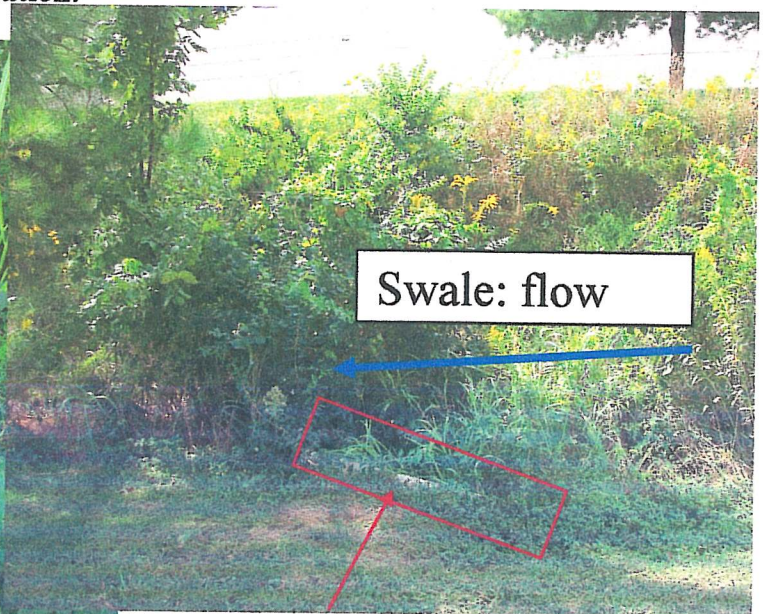


Outfalls at south west corner of building, facing west, receiving flow from rear of building and roof.

5) **Head wall with energy dispending application:**



Energy dissipater Headwall outfall facing north

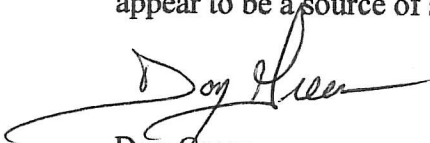


Top of outfall facing south into swale

Conclusion:

I certify that I performed a stormwater post-construction site inspection at 331 Premier Court - Permit FSW-05-038, on September 19, 2008 and this report is my observations of the site.

The site is stable. The swale has been allowed to grow naturally without any inspection or maintenance. The bottom of the swale is lined with small stone/rip rap and does not appear to be a source of sediment to the off site regional detention.



Don Green